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AMENDMENTS TO THE CLAIMS

The listing below of the claims is intended to replace all prior versions and listings of claims in the present application:

Listing of Claims:

Claim 1 (allowed): A hydraulic system with a dual-flow hydraulic pressure supply unit from which a volumetric flow of hydraulic fluid is fed, said hydraulic system comprising: a unitary hydraulic pressure supply unit for providing from a first fluid outlet a first hydraulic fluid output flow and from a second fluid outlet a second hydraulic fluid output flow; a hydraulic-fluid-operated device operatively connected with the pressure supply unit for receiving hydraulic fluid from the pressure supply unit, wherein the hydraulic-fluid-operated device is a continuously variable transmission; a check valve positioned between and connected with each of the first and second fluid outlets for selectively allowing and blocking flow from one of the fluid outlets to the hydraulic-fluid-operated device; and a flow regulator for selectively switching between the first hydraulic fluid outlet flow and the combined first and second hydraulic fluid output flows with the hydraulic-fluid-operated device, wherein at least one fluid outlet flow is separated by the check valve from the other fluid outlet flow, and wherein the system includes a return conduit for conducting at least one fluid outlet flow away from the hydraulic-fluid-operated device through the flow regulator, and wherein the flow regulator includes a first valve having a first surface biased by a spring and a second surface that is acted upon by a back pressure in the return conduit.

Claim 2 (canceled)

Claim 3 (canceled)

Claim 4 (canceled)

Claim 5 (allowed): A hydraulic system according to claim 1, including a hydraulic resistance arranged between the first valve and an input side of the hydraulic pressure supply unit.

Claim 6 (allowed): A hydraulic system according to claim 1, wherein the flow regulator includes a 2/2 way valve that in one position provides a connection between the output side of the hydraulic pressure supply unit and the input side of the hydraulic pressure supply unit, and wherein the connection is interrupted in a second position of the 2/2 way valve.

Claim 7 (previously presented): A hydraulic system according to claim 1, wherein the flow regulator includes three shifting stages whereby in a first shifting stage a cooling circuit is not supplied with hydraulic fluid and only one pump flow is conveyed from the hydraulic pressure supply unit to the hydraulic-fluid-operated device, whereby in a second shifting stage the cooling circuit is not supplied with hydraulic fluid and at least two pump flows are conveyed from the hydraulic pressure supply unit to the hydraulic-fluid-operated device, and

whereby in a third shifting stage the cooling circuit is supplied with hydraulic fluid and at least two pump flows are conveyed from the hydraulic pressure supply unit to the hydraulic-fluid-operated device.

Claim 8 (previously presented): A hydraulic system according to claim 7, wherein the flow regulator includes a further shifting stage in which a safety valve is activated.

Claim 9 (previously presented): A hydraulic system according to claim 1, wherein the flow regulator is a 2/2 way valve that allows only one pump flow to be conveyed from the hydraulic pressure supply unit to the transmission as long as a first pressure for adjusting the transmission is smaller than or equal to the sum of a second, contact pressure applied to components of the transmission and a valve spring force, and wherein at least two pump flows are conveyed from the hydraulic pressure supply unit to the transmission when the first pressure for adjusting the transmission is greater than the sum of the second, contact pressure applied to the components of the transmission and the spring force.

Claim 10 (previously presented): A hydraulic system according to claim 9, wherein the 2/2 way valve includes a valve spool having a first face acted upon by the first pressure and having a second face acted upon by the second pressure and the spring force.

Claim 11 (previously presented): A hydraulic system according to claim 1, wherein the flow regulator includes at least one valve for switching the pump flows conveyed to the hydraulic-fluid-operated device and to an additional component.

Claim 12 (previously presented): A hydraulic system according to claim 11, wherein the flow regulator includes at least two valves connected in series.

Claim 13 (allowed): A hydraulic system according to claim 1, wherein a volumetric flow regulating valve is arranged between the output side of the hydraulic pressure supply unit and the hydraulic-fluid-operated device to regulate volumetric flow of the hydraulic fluid.

Claim 14 (allowed): A hydraulic system according to claim 1, wherein total flow from the hydraulic pressure supply unit is dependent upon hydraulic fluid volumetric need.

Claim 15 (allowed): A hydraulic system according to claim 1, wherein the first and second hydraulic fluid output flows have different volumetric flow values.

Claim 16 (allowed): A hydraulic system according to claim 15, wherein the first fluid output flow is approximately a third of total hydraulic fluid output flow and the second fluid outlet flow is approximately two thirds of total hydraulic fluid

output flow of the hydraulic pressure supply unit.

Claim 17 (allowed): A hydraulic system according to claim 1, wherein the hydraulic pressure supply unit is a vane pump.

Claim 18 (allowed): A hydraulic system according to claim 17, including a hydraulic resistance positioned between the flow regulator and an input side of the hydraulic pressure supply unit.

Claim 19 (canceled)

Claim 20 (allowed): A hydraulic system according to claim 1, wherein the hydraulic pressure supply unit is an internal gear pump.